

SEQUENCE LISTING

<110> INSTITUT PASTEUR

INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE)

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

<120> GLYCOCONJUGATES AND THEIR USE AS POTENTIAL VACCINES AGAINST INFECTION BY SHIGELLA FLEXNERI

<130> 226s117

<160> 39

<170> PatentIn version 3.1

<210> 1

<211> 45

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 1

gcaaggctta ctagttgaag atttgggctc aactttcttg tcgac

45

<210> 2

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 2

gttctgacta gtgggcactc tgggctc

27

<210> 3

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 3

gggggtacta gtcttgggta ttctaggctc

30

<210> 4

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 4

gaggtgcagc tcgaggagtc aggacc

26

<210> 5

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 5

gaggtccagc tcgagcagtc tggacc

26

<210> 6

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 6

caggtccaac tcgagcagcc tggggc

26

<210> 7

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 7

gaggttcagc tcgagcagtc tggggc

26

<210> 8

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 8

gaggtgaagc tcgaggaatc tggagg

26

<210> 9

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 9

gaggtaaagc tcgaggagtc tggagg

26

<210> 10

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 10
gaagtgcagc tcgaggagtc tggggg

26

<210> 11

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Primer

<400> 11
gaggttcagc tcgagcagtc tggagc

26

<210> 12

<211> 5

<212> PRT

<213> Mus musculus

<400> 12

Asn Tyr Trp Met Ser
1 5

<210> 13

<211> 5

<212> PRT

<213> Mus musculus

<400> 13

Tyr Ser Ser Ile His
1 5

<210> 14

<211> 5

<212> PRT

<213> Mus musculus

<400> 14

Asp Tyr Ser Leu His

1 5

<210> 15

<211> 5

<212> PRT

<213> Mus musculus

<400> 15

Asp Tyr Ser Met His
1 5

<210> 16

<211> 19

<212> PRT

<213> Mus musculus

<400> 16

Glu Ile Arg Leu Lys Ser Asp Asn Tyr Ala Thr Tyr Tyr Ala Glu Ser
1 5 10 15

Val Lys Gly

<210> 17

<211> 17

<212> PRT

<213> Mus musculus

<400> 17

Trp Ile Asn Thr Ala Thr Gly Glu Pro Thr Tyr Pro Asp Asp Phe Lys
1 5 10 15

Gly

<210> 18

<211> 17

<212> PRT

<213> Mus musculus

<400> 18

Trp Ile Asn Thr Glu Thr Gly Glu Pro Ala Tyr Ala Asp Asp Phe Lys
1 5 10 15

Gly

<210> 19

<211> 17

<212> PRT

<213> Mus musculus

<400> 19

Trp Val Asn Thr Gln Thr Gly Glu Pro Ser Tyr Ala Asp Asp Phe Lys
1 5 10 15

Gly

<210> 20

<211> 4

<212> PRT

<213> Mus musculus

<400> 20

Pro Met Asp Tyr
1

<210> 21

<211> 8

<212> PRT

<213> Mus musculus

<400> 21

Tyr Asp Tyr Ala Gly Phe Tyr Trp
1 5

<210> 22

<211> 7

<212> PRT

<213> Mus musculus

<400> 22

Tyr Arg Tyr Asp Gly Ala Tyr
1 5

<210> 23

<211> 7

<212> PRT

<213> Mus musculus

<400> 23

Tyr Arg Tyr Asp Gly Ala His
1 5

<210> 24

<211> 16

<212> PRT

<213> Mus musculus

<400> 24

Arg Ser Ser Lys Ser Leu Leu His Ser Asp Gly Ile Thr Tyr Leu Tyr
1 5 10 15

<210> 25

<211> 10

<212> PRT

<213> Mus musculus

<400> 25

Ser Ala Ser Ser Ser Val Gly Tyr Ile His
1 5 10

<210> 26

<211> 10

<212> PRT

<213> Mus musculus

<400> 26

Arg Ala Thr Ser Ser Val Gly Tyr Ile Asn
1 5 10

<210> 27

<211> 9

<212> PRT

<213> Mus musculus

<400> 27

Arg Ala Arg Ser Ser Val Gly Tyr Met
1 5

<210> 28

<211> 7

<212> PRT

<213> Mus musculus

<400> 28

His Leu Ser Asn Leu Ala Ser
1 5

<210> 29

<211> 7

<212> PRT

<213> Mus musculus

<400> 29

Asp Thr Ser Lys Leu Ala Ser
1 5

<210> 30

<211> 7

<212> PRT

<213> Mus musculus

<400> 30

Ala Thr Ser Asn Leu Ala Ala

1 5

<210> 31

<211> 7

<212> PRT

<213> Mus musculus

<400> 31

Ala Thr Ser Asn Gln Ala Ser
1 5

<210> 32

<211> 9

<212> PRT

<213> Mus musculus

<400> 32

Ala His Asn Val Glu Leu Pro Arg Thr
1 5

<210> 33

<211> 9

<212> PRT

<213> Mus musculus

<400> 33

Gln Gln Trp Ser Arg Asn Pro Leu Thr
1 5

<210> 34

<211> 9

<212> PRT

<213> Mus musculus

<400> 34

Gln Gln Trp Ser Ser Asp Pro Phe Thr
1 5

<210> 35

<211> 19

<212> PRT

<213> Mus musculus

<400> 35

Glu Ile Arg Leu Lys Ser Asn Asn Tyr Ala Thr His Tyr Ala Glu Ser
1 5 10 15

Val Lys Gly

<210> 36

<211> 9

<212> PRT

<213> Mus musculus

<400> 36

Gly Gly Ala Val Gly Ala Met Asp Tyr
1 5

<210> 37

<211> 16

<212> PRT

<213> Mus musculus

<400> 37

Arg Ser Ser Gln Ser Leu Leu His Ser Asp Gly Asn Thr Tyr Leu His
1 5 10 15

<210> 38

<211> 7

<212> PRT

<213> Mus musculus

<400> 38

Lys Val Ser Asn Arg Phe Ser
1 5

<210> 39

<211> 8

<212> PRT

<213> Mus musculus

<400> 39

Ser Gln Thr Thr His Val Pro Thr
1 5